⚠ PLEASE READ AND FOLLOW ALL WARNINGS ⚠

AIR TOOLS

FP-743A
1/2-in. Composite Impact Wrench

Features
- Combined reverse/power management
- Twin hammer clutch for increased power output.
- Composite housing reduces weight to only 4.5 lb.
- Triple heat treated alloy steel hammer, hammer cage & anvil

Read Operating Instructions
Always become familiar with all the instructions and warnings before operating any power tool.

Always Wear Approved Eye Protection
Impact resistant eye protection should meet or exceed the standards as set forth in the United States ANSI Z87.1, Occupational and Educational Eye and Face Protection. Look for the marking Z87.1 on your eye protection to insure that it is an approved style. For further information, ANSI Z87.1, Occupational and Educational Eye and Face Protection, is available from the American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10036.

Hearing Protection is Recommended
Hearing protection should be used when the noise level exposure equals or exceeds an 8 hour time-weighted average sound level of 85 dBA. Process noise, reflective surfaces, other tools being operated nearby, all add to the noise level present in your work area. If you are unable to determine your noise level exposure, we recommend the use of hearing protection.

Avoid Prolonged Exposure to Vibration
Tools can vibrate during use. Prolonged exposure to vibration or very repetitive hand and arm movements, can cause injury. Stop using any tool if discomfort, tingling feeling or pain occurs. You should consult your physician before resuming use of the tool.

90 PSIG Maximum
This tool is designed to operate at an air pressure of 90 pounds per square inch gauge pressure (90 PSIG) maximum, at the tool. Use of higher air pressure can, and may cause injury. Also, the use of higher air pressure places the internal components under loads and stresses they were not designed for, causing premature failure. The air supply should be clean and dry, preferably lubricated. For best results, drain the moisture from your compressor daily.

WARNING:
Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or reproductive harm. Some examples of these chemicals are:
- Lead from lead-based paints
- Crystalline silica from bricks, cement and other masonry products
- Arsenic and chromium from chemically treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment such as those dust masks that are specially designed to filter out microscopic particles.

Safety Instructions
The following instructions are furnished as general guidelines for use of your pneumatic tool. They cannot comprehensively cover all possible or conceivable uses of the subject tool. For additional information on the safe use of air tools, we advise you to obtain a copy of CAGI B186.1-2009 Safety Code for Portable Air Tools, available from the following source:
COMPRESSED AIR AND GAS INSTITUTE
1300 Sumner Avenue
Cleveland, OH 44115-2851
Ph: 216-241-7333
www.cagi.org OR from
Florida Pneumatic Manufacturing Corp.
851 Jupiter Park Lane
Jupiter, FL 33458
561-744-9500 www.florida-pneumatic.com
The use of the word "shall" in the following instructions, indicates that adherence to the particular requirement is necessary to conform to CAGI B186.1-2009.

Tool Application and Usage
Portable tools shall be used only for the purposes intended in their design and within the capacity for which they were intended and rated. It shall be the tool owner's and/or employer's responsibility to instruct each operator in the safe use of the tool. Tools shall not be used without guards and safety devices as furnished by the manufacturer. Where an air tool is modified or altered, the modifier shall provide the safeguards to enable it to be safely used in the operations intended and to comply with any applicable provisions as contained in CAGI B186.1-2009 .

Tool Installation
Pressure regulators shall be used to limit air pressure to the rated pressure where the supply pressure exceeds the tool's rated pressure. Air hoses and lines shall be relieved of compressed air before being disconnected or disjointed, unless there is automatic valve closing protection at the joint being separated. Synthetic lubricants which can cause deterioration of elastomer seals shall not be used in air systems of air tools.

Tool Maintenance
It shall be the tool owner's and/or employer's responsibility to assure that tools are maintained in a safe operating condition. Tool maintenance and repair shall be performed by authorized, trained, competent personnel. Tools shall be disconnected from their compressed air supply before repairs are attempted. Repairs shall be consistent with the manufacturer's recommended procedures. Tool, hoses and fittings shall be replaced if unsuitable for safe operation. It shall be the tool owner's and/or employer's responsibility to keep required rating markings and warnings on the tool in legible condition.

Florida Pneumatic Manufacturing Corporation
851 Jupiter Park Lane, Jupiter, Florida 33458
Toll Free 1-800-327-9403

Read these instructions carefully before attempting to install, operate or service this Florida Pneumatic product. Failure to comply with the instructions could result in personal injury and/or property damage! Retain these instructions for future reference.

FPMC

AIR TOOLS

FP-743A
1/2-in. Composite Impact Wrench

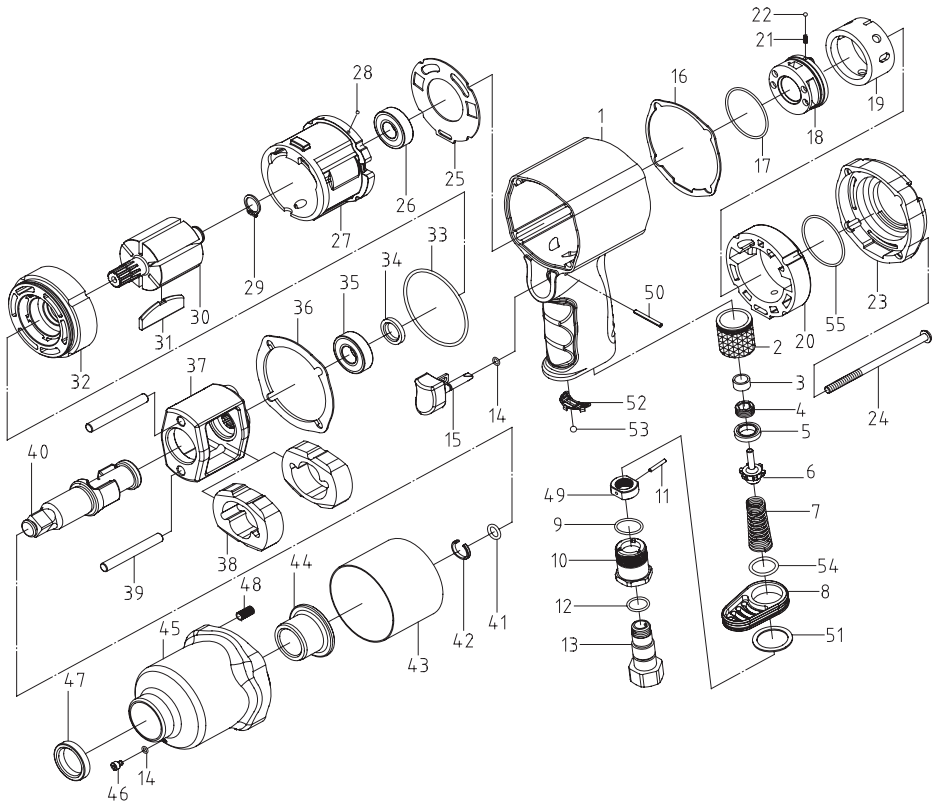
Specifications

Drive size.....1/2"
Impacts per minute.....1100 IPM
Free speed (No Load).....7000 RPM
Ultimate torque..... 580 ft. lbs.
Weight..... 4-½ lbs.
Overall length.....7-1/2″
Average air consumption.....6 SCFM
Recommended hose size.....3/8" I.D.
Air inlet.....1/4" NPT
Maximum Air Pressure.....90 PSI

USE ONLY IMPACT SOCKETS & ACCESSORIES
Sockets and accessories used shall be of the impact socket type. Always check sockets, retainers and drives regularly for wear or damage and replace whenever necessary

Limited Warranty

Florida Pneumatic warrants its tools to be free from defects in material and workmanship for two years from the date of purchase. This warranty does not apply to tools which have been abused, misused, modified or repaired by someone other than Florida Pneumatic or its authorized service centers. If a Florida Pneumatic proves defective in material of workmanship within two years after purchase, return it to any authorized service center or to Florida Pneumatic, freight prepaid. Please enclose your name, address and adequate proof of purchase date with a brief description of the defect. Florida Pneumatic will, at its option, repair or replace defective tools, free of charge. Repairs or replacements are warranted as described above for the remainder of the warranty period. Florida Pneumatic's sole liability and your exclusive remedy under this warranty is limited to repair or replacement of the defective tool. There are no other warranties expressed or implied and Florida Pneumatic shall not be liable for incidental, consequential or special damages, or any other damages, costs or expense of repair or replacement as described above.



Ref.	Part No.	Description	Q'ty
1	9106046	Housing	1
2	9106047	Bushing	1
3	9106048	Seal	1
4	9106049	Screw	1
5	9106050	Valve Seat	1
6	9106051	Throttle Valve	1
7	9106052	Valve Spring	1
8	9106053	Exhaust Deflector	1
9	9106054	O-Ring	1
10	9106055	Connector	1
11	9106056	Spring Pin	1
12	9106057	O-Ring	1
13	9106058	Air Inlet Bushing	1
14	9106059	O-Ring	2
15	9106060	Trigger	1
16	9106061	Ornamental Gasket	1
17	9106062	O-Ring	1
18	9106063	Reverse Switch	1
19	9106064	Valve Bushing	1
20	9106065	Reverse Bushing	1
21	9106066	Spring	1
22	9106067	Steel Ball	1
23	9106068	End Cap	1
24	9106069	Cap Screw	4
25	9106070	Gasket	1
26	9106071	Ball Bearing	1
27	9106072	Cylinder	1

Ref.	Part No.	Description	Q'ty
28	9106073	Steel Ball	2
29	9106074	Retainer Ring	1
30	9106075	Rotor	1
31	9106076	Rotor Blade	6
32	9106077	Front End Plate	1
33	9106078	O-Ring	1
34	9106079	Oil Seal	1
35	9106080	Ball Bearing	1
36	9106081	Ornamental Gasket	1
37	9106082	Hammer Cage	1
38	9106083	Hammer Dog	2
39	9106084	Hammer Pin	2
40	9106085	Anvil	1
41	9106086	O-Ring	1
42	9106087	Socket Retainer	1
43	9106088	Steel Sleeve	1
44	9106089	Anvil Bushing	1
45	9106090	Hammer Case	1
46	9106091	Screw	1
47	9106092	Oil Seal	1
48	9106093	Steel Pipe	4
49	9106094	Nut	1
50	9106095	Spring Pin	1
51	9106096	Washer	1
52	9106097	Muffler Cover	1
53	9106098	Ceramic Balls	20
54	9106099	O-Ring	1
55	9A00003	Gasket	1